

2.4 GHz 14 dBi 90 Degree Horizontally Polarized Sector Panel Antenna

Model: HG2414HSP-090

Features

- Superior performance
- All weather operation
- Horizontally Polarized
- 20° Down-Tilt Mounting Bracket
- Includes Mast Mounting Hardware
- Integral N-Female Connector



Description

Superior Performance

The HyperGain ® HG2414HSP-090 Horizontally Polarized Sector Panel Antenna combines high gain with a wide 90° beam-width. It is a professional quality "cell site" antenna designed primarily for service providers in the 2.4 GHz ISM band.

Since this antenna is horizontally polarized, it is ideal for use in areas susceptible to the affects of interference generated by commonly used vertically polarized wireless LAN equipment. With the reduction of this interference better wireless reception can be achieved.

Rugged and Weatherproof

This antenna features a heavy-duty plastic radome for all-weather operation. The heavy-duty mounting system allows installation adjusts from 0 to 20 degrees downtilt.

Ideal for Wireless Internet "Cell" Sites

This antenna is an ideal choice for Wireless Internet Provider "cell" sites since the cell size can be easily determined by adjusting the down-tilt angle. Horizontal coverage is a full 120 degrees.



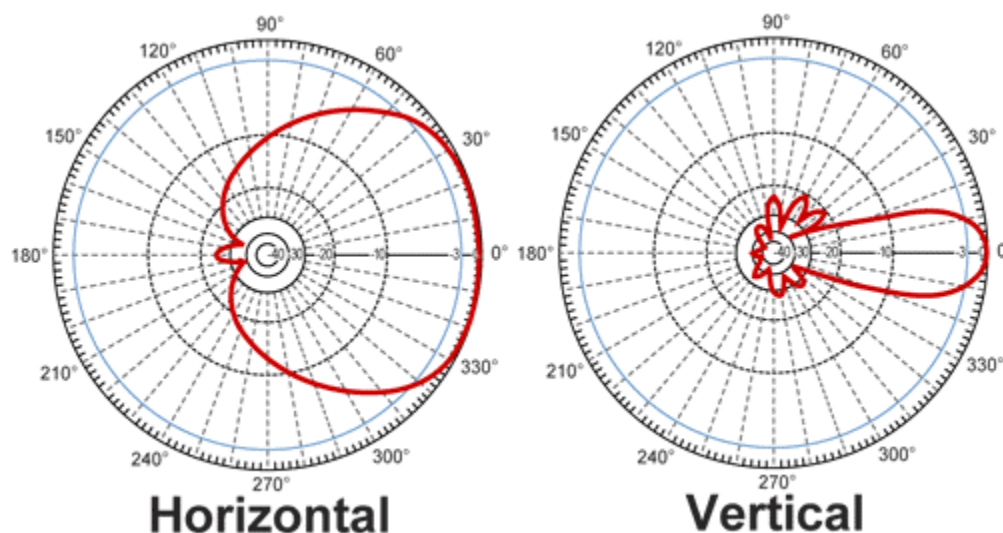
Electrical Specifications

Frequency	2400 - 2500 MHz
Gain	14 dBi
Polarization	Horizontal
Horizontal Beam Width	90°
Vertical Beam Width	20°
Impedance	50 Ohm
VSWR	< 1.5: 1 avg.
Front to Back Ratio	> 21 dB
Max. Input Power	300 Watts
Lightning Protection	DC Ground
Connector	Integral N-Female

Mechanical Specifications

Weight	4.4 lbs. (2 kg)
Dimensions	20 x 7 x 3.5 inch (500 x 180 x 90 mm)
Radome Material	UV-inhibited Plastic
Mounting	3 inch (80 mm) dia. mast max.
Rated Wind	>130 MPH (210 Km/h)

Antenna Gain Patterns



Guaranteed Quality

This product is backed by Hyperlink's Limited Warranty.